



## Principal Transportation Engineer, Caltrans

### **Broad and Extensive is defined as:**

- Broad: Covering a large number and wide scope of subjects or areas of work
- Extensive: Covering or affecting a large-scale areas of work

### **Transportation Engineering Experience**

A non-comprehensive list of related transportation engineering experience:

- Performing or overseeing the following:
  - Design or prepare plans for new transportation systems
  - Check construction plans, design calculations, or cost estimations to ensure completeness, accuracy, or conformance to engineering standards
  - Prepare administrative, technical, or statistical reports on transportation related matters
  - Prepare project budgets, schedules, or specifications for labor or materials
  - Evaluate transportation systems or traffic control devices or lighting systems to determine need for modification or expansion
  - Estimate transportation project costs
  - Model transportation scenarios to evaluate the impacts of activities such as new development or to identify possible solutions to transportation problems
  - Confer with contractors, utility companies, or government agencies to discuss plans, specifications, or work schedules
  - Identify maintenance, operational, and safety deficiencies on transportation systems